

## REMARKS

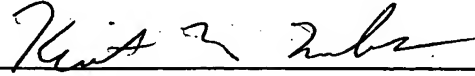
This is intended as a full and complete response to the Restriction Requirement dated January 6, 2004, having a shortened statutory period for response set to expire on February 6, 2004. Claims 1-59 are pending in the application and are shown above. The Examiner states that restriction to one of the following inventions is required under 35 U.S.C. § 121:

- I. Claims 1-51, drawn to method for removing the residue from the interior surface of a plasma reactor, classified in class 438, subclass 706; and
- II. Claims 52-59, drawn to a plasma reactor/apparatus, classified in class 156, subclass 345.

Claims 52-59 are restricted from claims 1-51 on grounds that claims 52-59 include deposition apparatus and are not limited to chambers that perform the cleaning process of claims 1-51. Applicants elect group I, with traverse. Applicants respectfully submit that the claims of group II do not include deposition chambers as asserted by the Examiner. Specifically, limitations for the plasma reactor/apparatus in claim 52 (the only independent claim in group II) state that the apparatus comprises a cleaning gas ionizing chamber and a gas manifold connected thereto that are used specifically for removing the residue from the interior surface of a plasma reactor, as classified in group I by the Examiner. Even if the inventions in groups I and II are distinct, there must be a serious burden on the Examiner if restriction is required. MPEP § 803. Thus, Applicants submit that there would not be a serious burden on the Examiner to perform the search since the apparatus as claimed can only be used to perform the methods that are the subject of the claims in group I.

Having addressed all issues set out in the Restriction Requirement, Applicants respectfully request withdrawal or modification of the restriction requirement.

Respectfully submitted,



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Keith M. Tackett  
Registration No. 32,008  
MOSER, PATTERSON & SHERIDAN, L.L.P.  
3040 Post Oak Blvd. Suite 1500  
Houston, TX 77056  
Telephone: (713) 623-4844  
Facsimile: (713) 623-4846  
Attorney for Applicants